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DATE: August 2, 2012

Fax No.: (571) 270-9882

TO: Ms. Mary Diggs
USPTO - Certificate of Correction Branch

FROM: Donna O'Callaghan

No. of pages transmitted
(including this page): 3

Our File: CCDLT-300XX

Time: 3:10 P.M.Your Ref: U.S. Patent No. 6,783,948
Application No. 09/626,566
Issued: August 31, 2004

Sent by: Donna O'Callaghan

A confirmation copy of this transmission will not be mailed unless the following is checked: []

MESSAGE

Dear Ms. Diggs:

As you requested, attached please find a copy of the original Certificate of Correction issued July 3, 2012. Please note that the Certificate is missing the section "Column 45, line 61".

I look forward to hearing from you. Thank you.

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CCDLT-100 XX

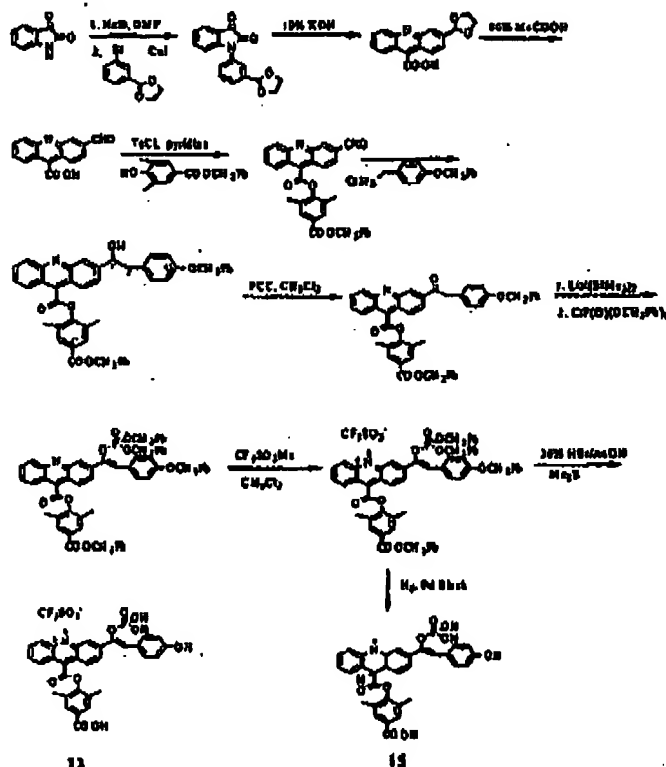
UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,783,948 B1
 APPLICATION NO. : 09/626566
 DATED : August 31, 2004
 INVENTOR(S) : Qingping Jiang et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Columns 47-50, after the paragraph following Example 11, delete formulas 13 and 15 and insert the following formulas 13 and 15:



Signed and Sealed this
 Third Day of July, 2012

David J. Kappos

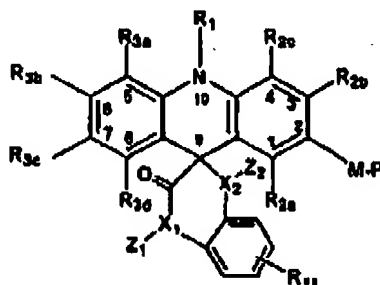
David J. Kappos
 Director of the United States Patent and Trademark Office

CERTIFICATE OF CORRECTION (continued)
U.S. Pat. No. 6,783,948 B1

Page 2 of 2

Column 67-68, claim 18, delete "claim 18" and insert the following claim 18:

--18. A chemiluminescent substrate of a hydrolytic enzyme, said substrate having the structure



wherein

P is selected from the group consisting of PO_3H_2 , PO_3K_2 , $\text{PO}_3(\text{NH}_4)_2$, PO_3Ca , PO_3Mg , PO_3Na_2 , a sugar moiety and $\text{C}(=\text{O})\text{R}$ group wherein R is an alkyl group having 1 to 6 carbon atoms;

M is oxygen;

R_1 is selected from the group consisting of methyl, sulfopropyl, sulfobutyl, sulfoalkyl, and carboxymethyl;

R_{2a} , R_{2b} , R_{2c} , R_{3a} , R_{3b} , R_{3c} , and R_{3d} , can be the same or different, selected from a group consisting of hydrogen, methyl, methoxy, halides, cyano ($-\text{CN}$);

A^+ is a counter ion for the electroneutrality of the quaternary nitrogen of the acridinium compounds, said A^+ not being present if said R_1 substituent contains a strongly ionizable group that can form an anion and pair with the quaternary ammonium cationic moiety; and

X_1 and X_2 are the same or different and are selected from the group consisting of O, N or S, such that,

when X_1 and X_2 are O or S, R_{11} is selected from the group consisting of hydrogen, -R, substituted or unsubstituted aryl, halides, nitro, sulfonate, sulfate, phosphonate, $-\text{CO}_2\text{H}$, $-\text{C}(\text{O})\text{OR}$, cyano ($-\text{CN}$), $-\text{SCN}$, $-\text{OR}$, $-\text{SR}$, $-\text{SSR}$, $-\text{C}(\text{O})\text{R}$, $-\text{C}(\text{O})\text{NHR}$, ethylene glycol, or polyethylene glycol, where R is as defined above; and

Z_1 and Z_2 are omitted; and

when at least one of X_1 and X_2 is N, Z_1 and Z_2 are toluenesulfonyl, and R_{11} is carboxypropyl.--